IN THE CLAIMS

Please cancel Claim 9 without prejudice.

Please amend the following claims.

Claim 1, line 2, delete "obtainable" and substitute therefor --obtained--.

Claim 10, line 1, delete "system" and substitute therefor --composition--.

Claim 11, line 1, delete "system" and substitute therefor --composition--.

Claim 12, line 1, delete "system" and substitute therefor --composition--.

Claim 12, line 1, delete "12" and substitute therefor --2--.

Claim 13, line 1, delete "system" and substitute therefor --composition--.

Claim 14, line 1, delete "system" and substitute therefor --composition--.

Claim 14, line 1, delete "13" and substitute therefor --12--.

Claim 15, line 1, delete "system" and substitute therefor --composition--.

Claim 16, line 1, delete "system" and substitute therefor --composition--.

Claim 17, line 1, delete "system" and substitute therefor --composition--.

Claim 17, line 1, delete "13" and substitute therefor --12--.

Claim 18, line 1, delete "system" and substitute therefor --composition--.

Claim 19, line 1, delete "system" and substitute therefor --composition--.

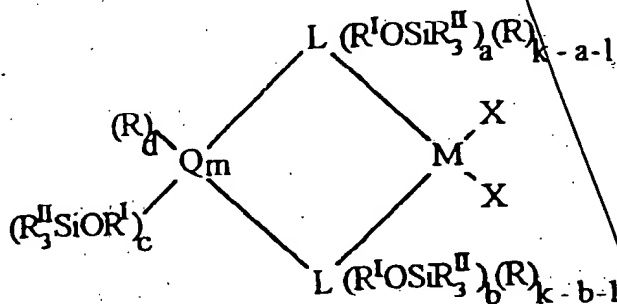Claim 20, line 3, delete "system" and substitute therefor --composition--.

Please add the following new claim.

--21.   A heterogeneous catalytic system obtained by reacting a porous inorganic support with an alumoxane and subsequently supporting at least one metallocene compound thereon, wherein the metallocene compound is defined by formula I, II, or III:

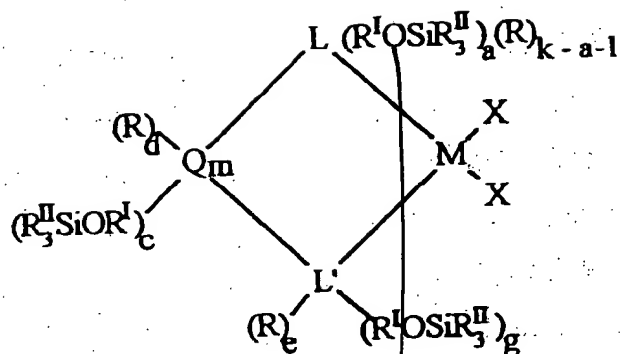$$(LR_k)_z[LR_{k-f}(R^IOSiR^{II}_3)_f]_xMX_y \qquad I,$$

$$\begin{array}{c} L\,(R^IOSiR^{II}_3)_a(R)_{k-a-1} \\ (R)_d \quad \diagup \quad X \\ Q_m \qquad M \\ (R^{II}_3SiOR^I)_c \quad \diagdown \quad X \\ L\,(R^IOSiR^{II}_3)_b(R)_{k-b-1} \end{array} \qquad II,\ or$$

$$L \underset{(R^{I}OSiR^{II}_3)_a (R)_{k-a-1}}{\overbrace{}}$$

$$(R)_d \; Q_m \quad \overset{X}{\underset{X}{M}}$$

$$(R^{II}_3 SiOR^{I})_c$$

$$L'$$

$$(R)_e \quad (R^{I}OSiR^{II}_3)_g$$

$$\underline{\underline{III}} \quad ,$$

wherein:

the **L** groups are equal to or different from each other, wherein each L is selected from the group consisting of cyclopentadienyl, indenyl, tetrahydroindenyl, fluorenyl, octahydrofluorenyl, and benzoindenyl;

each **R** is independently hydrogen, linear or branched C_1-C_{20} alkyl, linear or branched C_3-C_{20} cycloalkyl, linear or branched C_6-C_{20} aryl, linear or branched C_3-C_{20} alkenyl, linear or branched C_7-C_{20} arylalkyl, linear or branched C_7-C_{20} alkylaryl, linear or branched C_8-C_{20} arylalkenyl, or a group SiR^{II}_3, wherein the C_1-C_{20} alkyl, the C_3-C_{20} cycloalkyl, the C_6-C_{20} aryl, the C_3-C_{20} alkenyl, the C_7-C_{20} arylalkyl, the C_7-C_{20} alkylaryl, and the C_8-C_{20} arylalkenyl are optionally substituted with 1 to 10 halogen atoms;

the R^I groups are equal to or different from each other, wherein each R^I is a divalent aliphatic or aromatic hydrocarbon group containing from 1 to 20 carbon atoms, optionally containing from 1 to 5 heteroatoms of groups 14 to 16 of the Periodic Table of the Elements, and optionally containing boron;

each R^{II} is independently linear or branched C_1-C_{20} alkyl, linear

or branched C_3-C_{20} cycloalkyl, linear or branched C_6-C_{20} aryl,
linear or branched C_3-C_{20} alkenyl, linear or branched C_7-C_{20}
arylalkyl, linear or branched C_8-C_{20} arylalkenyl, or linear or
branched C_7-C_{20} alkylaryl;

each **Q** is independently B, C, Si, Ge, or Sn;

M is a lanthanide, an actinide, or a metal of group 3, 4, or 10 of
the Periodic Table of the Elements, and M has a valence;

each **X** is independently hydrogen, chlorine, bromine, OR^{II}, NR^{II}_2,
C_1-C_{20} alkyl, or C_6-C_{20} aryl ;

L' is N or O;

when **L** is cyclopentadienyl, **k** is equal to 5; when **L** is indenyl, **k**
is equal to 7; when **L** is fluorenyl or benzoindenyl, **k** is equal to
9; when **L** is tetrahydroindenyl, **k** is equal to 11; and when **L** is
octahydrofluorenyl, **k** is equal to 17;

z is equal to 0, 1, or 2;

x is equal to 1, 2, or 3;

y is equal to 1, 2, or 3;

x + **y** + **z** is equal to the valence of **M**;

m is equal to 1;

a is an integer whose value ranges from 0 to **k**-1;

b is an integer whose value ranges from 0 to **k**-1;

f is an integer whose value ranges from 1 to **k**;

g is equal to 0 to 1;

c is equal to 0 or 1;

e is equal to 0 or 1;

a + **b** + **c** is at least 1;

a + **g** + **c** is at least 1;

d is equal to 0, 1, or 2;

when **Q** is B, then **c** + **d** = 1;

when **Q** is C, Si, Ge, or Sn, then **c** + **d** = 2;

when **L'** is N, then **g** + **e** = 1; and

when **L'** is O, then **g** = 0 and **e** = 0.--